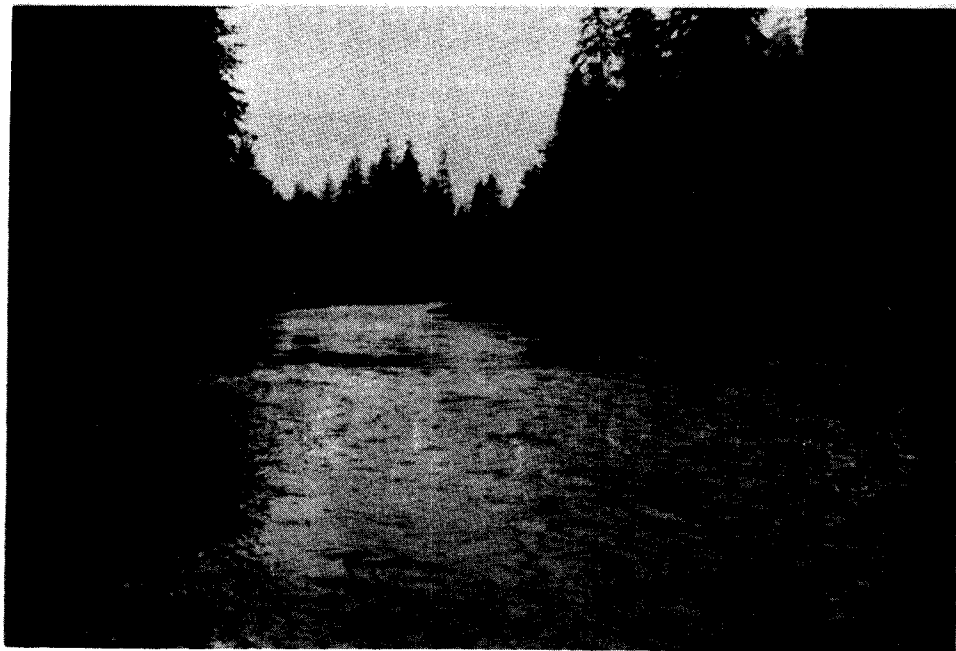


Herman Creek, old weir site, station #3

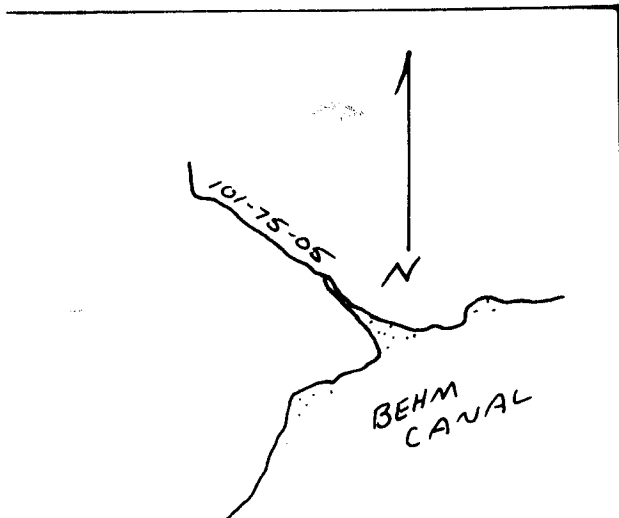
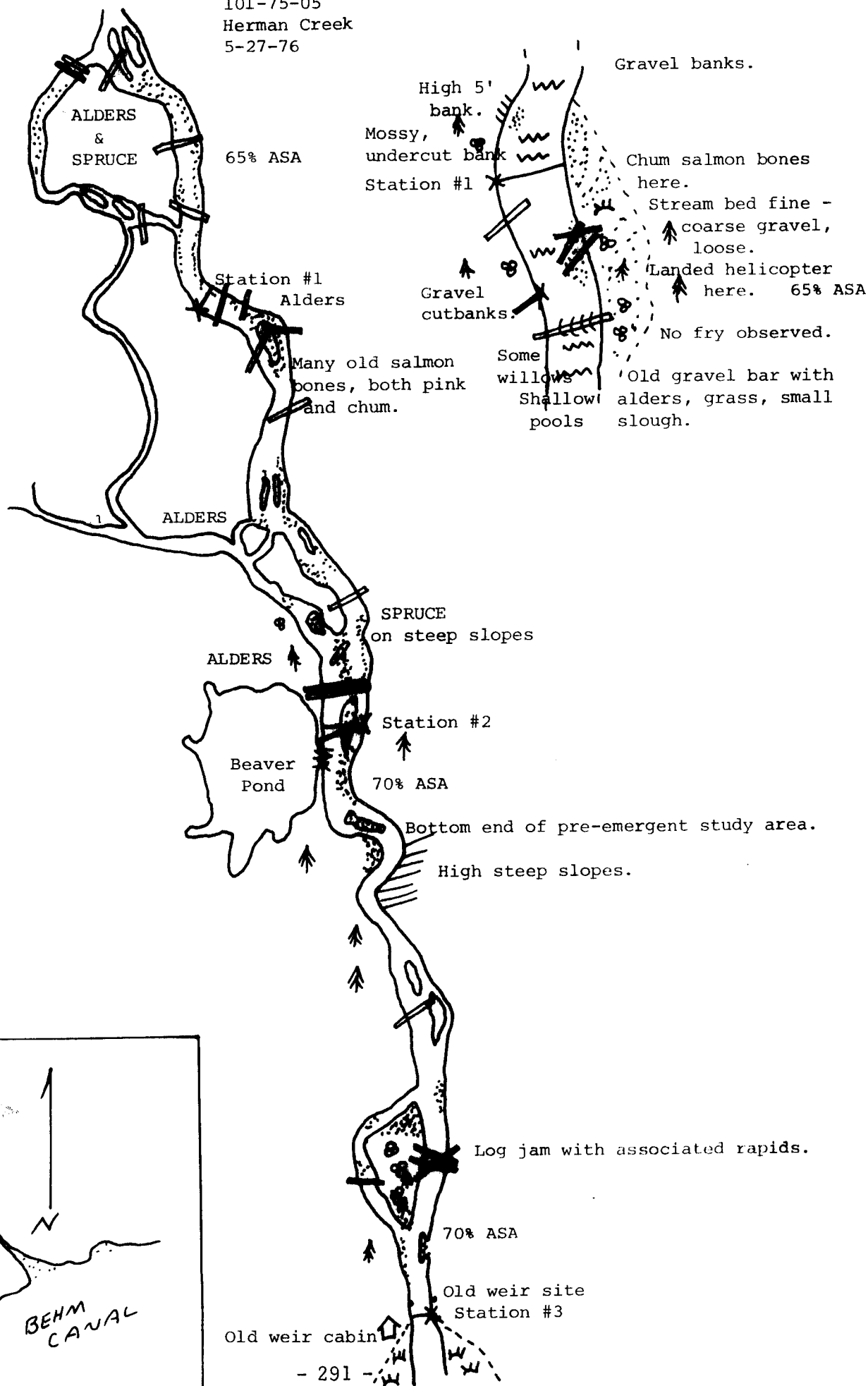
101-75-05

101-75-10050



Herman Creek, old weir site, upstream

101-75-05
Herman Creek
5-27-76



101-75-10050

Name: Herman Creek Catalog No.: 101-75-05
Latitude: 55 59' 54" 46" WR No.: 45
Longitude: 131 17' 36" 44" K No.: 50
Geodetic Map No.: Ketchikan D-4 Work Area: Ketchikan
Location: Behm Canal, N.Shore, 3 miles Watershed Length: 5 miles
W. of Burroughs Bay. Drainage Area: 24 sq. miles
Water Supply Type: Small lake, early snowfields, muskeg areas.

Trails & Survey Routes: At low water walking is very easy on gravel banks except for the many large logs in streambed.
Aerial Survey Notes: Clearwater and light colored bottom makes salmon enumeration easy. However, the valley is narrow and trees along stream are tall, careful flight plan-
Anchorage: ning is required.
Exposed anchorage in small basin inside W. point at steep drop off.
Tide Stage when Surveyed: 1/2

FISHERY RESOURCES

Commercial Fisheries: Pink, chum, coho, king.
Escapement: Hi peak esc 90,000 1952; hi peak esc. since 1961: 34,000 1970; low esc. since 1961: 300 1969; 14 yr. average since 1961: 11,064. Spawning area: 28,500 m²
Species Composition: Major species: pink. (10,500'x45'x65% ASA)
Good numbers of chum on occasion.
Timing: Early - July, August
Schooling Areas: In lower intertidal and below log jam above weir site.
Shellfish Potential: None
Sport Fisheries: Dolly Varden, cutthroat, rainbow trout.
Land Use at Present: None
History of Land Use: Old weir site at head of ITZ.
Rehabilitation Potential: None needed.
Soils: Generally stable, considerable braiding with alders and fallen logs in streambed.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	<u>many</u>
	Number of droppings	<u> </u>
Geese -----	Number seen on tide flats	<u> </u>
	Number seen up creek	<u> </u>
	Number of broods seen	<u> </u>
Mallards ---	Number seen on tide flats	<u> </u>
	Number seen up creek	<u> </u>
	Number of broods seen	<u> </u>
Mergansers -	Number of broods seen	<u>1</u>
Bald Eagles-	Number seen along creek	<u>1</u>
	Number of nests seen and location	<u> </u>
Seals -----	Number seen at mouth	<u>2</u>
Tide flats -	Estimate length along beach	<u> </u>
	Estimate depth out from beach	<u> </u>
	Eel grass present on what percent of flats	<u> </u>

PEAK ESCAPEMENT RECORD

Herman Creek

101-75-05

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
8-15-33				1500 fish in stream. 18 mi. only.
9-21-42	3,500	150		.5 miles only.
9-16-43	2,000	400		.5 miles only.
8-22-47	5,000		100 coho on 9-26.	Some chum.
8-17-48	25,000		200 coho	Chum, fair.
9-21-49	88,433	12,475	131 coho, 9 king	Weir total July 22 - Sept. 21.
9-4-50	50,269	20,491	8 coho, 4 king	Weir total installed July 21.
9-6-51	90,764	13,670	8 coho, 17 king	Weir total installed July 14.
8-31-52	21,999	11,312		Weir total installed July 14.
8-24-53	4,593	12,505	1 coho, 6 king	Weir total installed July 19.
9-4-54	13,630	4,300	20 coho, 24 king	Weir total installed July 9.
9-1-55	2,126	226	9 king	Weir total installed July 16. 3,000 additional - weir washed out.
9-5-56	31,048	4,920	14 coho, 26 king	Weir total installed July 18.
8-8-57	8,100	500		(5000 chum 8-10)
8-20-60	7,000	few		
8-2-61	1,100			Visibility fair.
8-3-62	6,200			Visibility excellent.
8-8-63	2,100	700		Visibility fair.
8-4-64	19,700			40% chum.
8-16-65	1,900			Visibility good.
8-12-66	21,900	1,300		Visibility fair. All spawning, many dead.
7-31-67	200	1,100		Good visibility.
7-29-68	32,000	2,900		1250 @ I.T. Vis. ex. Chums spawning, pinks largely schooled.
8-6-69	300	70	some king	Poor visibility.
8-4-70	34,000	3,300	- 295 -	Vis. good. Few dead chums.